

## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

| APPLICATION NO.                                   | FILING DATE   | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO.         | CONFIRMATION NO. |
|---|---------------|----------------------|-----------------------------|------------------|
| 10/635,933  | 08/07/2003    | Carlo D. Montemagno  | Montemagno 2 8832  EXAMINER |                  |
| 23294 75  | 90 03/21/2006 |                      |                             |                  |
| JONES, TULLAR & COOPER, P.C.                      |               |                      | LANKFORD JR, LEON B         |                  |
| P.O. BOX 2266 EADS STATION<br>ARLINGTON, VA 22202 |               |                      | ART UNIT                    | PAPER NUMBER     |
| ,   |               |                      | 1651                        |                  |
|   |               |                      | DATE MAILED: 03/21/2006     |                  |

Please find below and/or attached an Office communication concerning this application or proceeding.

|  | Application No.  | Applicant(s)  |  |  |  |  |
|--|--|---|--|--|--|--|
| Office Action Summer   | 10/635,933   | MONTEMAGNO ET AL.   |  |  |  |  |
| Office Action Summary  | Examiner   | Art Unit  |  |  |  |  |
|  | Leon Lankford  | 1651  |  |  |  |  |
| The MAILING DATE of this communication app<br>Period for Reply   | ears on the cover sheet with the c   | orrespondence address   |  |  |  |  |
| A SHORTENED STATUTORY PERIOD FOR REPLY WHICHEVER IS LONGER, FROM THE MAILING DA - Extensions of time may be available under the provisions of 37 CFR 1.13 after SIX (6) MONTHS from the mailing date of this communication If NO period for reply is specified above, the maximum statutory period w - Failure to reply within the set or extended period for reply will, by statute, Any reply received by the Office later than three months after the mailing earned patent term adjustment. See 37 CFR 1.704(b). | ATE OF THIS COMMUNICATION 36(a). In no event, however, may a reply be timulated and will expire SIX (6) MONTHS from cause the application to become ABANDONE | I. the mailing date of this communication. (35 U.S.C. § 133).   |  |  |  |  |
| Status   |  |   |  |  |  |  |
| 1) Responsive to communication(s) filed on   |  |   |  |  |  |  |
| <u> </u>   | action is non-final.   |   |  |  |  |  |
| ,—   |  |   |  |  |  |  |
| ,  | closed in accordance with the practice under <i>Ex parte Quayle</i> , 1935 C.D. 11, 453 O.G. 213.  |   |  |  |  |  |
| ·  | ,  |   |  |  |  |  |
| Disposition of Claims  |  |   |  |  |  |  |
| 4)⊠ Claim(s) <u>1-15</u> is/are pending in the application.  | Claim(s) 1-15 is/are pending in the application.   |   |  |  |  |  |
| 4a) Of the above claim(s) is/are withdraw  | 4a) Of the above claim(s) is/are withdrawn from consideration.   |   |  |  |  |  |
| 5) Claim(s) is/are allowed.  |  |   |  |  |  |  |
| 6) Claim(s) is/are rejected.   |  |   |  |  |  |  |
| 7) Claim(s) is/are objected to.  |  |   |  |  |  |  |
| 8) Claim(s) 1-15 are subject to restriction and/or e   | election requirement.  |   |  |  |  |  |
| Application Papers   |  |   |  |  |  |  |
| ··· _  | r  |   |  |  |  |  |
| 9) The specification is objected to by the Examiner.  10) The drawing(s) filed on is/are: a) accepted or b) objected to by the Examiner.   |  |   |  |  |  |  |
| Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  |  |   |  |  |  |  |
| Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).   |  |   |  |  |  |  |
| 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.   |  |   |  |  |  |  |
| The batt of decidration is objected to by the Ex   | armior. Note the diagram of the  | 7,6,6,7,6,7,7,7,7,7,7,7,7,7,7,7,7,7,7,7   |  |  |  |  |
| Priority under 35 U.S.C. § 119   |  |   |  |  |  |  |
| <ul> <li>12) Acknowledgment is made of a claim for foreign</li> <li>a) All b) Some * c) None of:</li> <li>1. Certified copies of the priority documents</li> </ul>   |  | -(d) or (f).  |  |  |  |  |
| 2. Certified copies of the priority documents have been received in Application No   |  |   |  |  |  |  |
| 3. Copies of the certified copies of the priority documents have been received in this National Stage  |  |   |  |  |  |  |
| application from the International Bureau  |  | · ·   |  |  |  |  |
| * See the attached detailed Office action for a list of the certified copies not received.   |  |   |  |  |  |  |
|  |  |   |  |  |  |  |
|  |  | e de la companya de |  |  |  |  |
|  |  |   |  |  |  |  |
| Attachment(s)  |  |   |  |  |  |  |
| <ol> <li>Notice of References Cited (PTO-892)</li> <li>Notice of Draftsperson's Patent Drawing Review (PTO-948)</li> </ol>   | 4) Interview Summary Paper No(s)/Mail Da   |   |  |  |  |  |
| 3) Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) Paper No(s)/Mail Date   |  | eatent Application (PTO-152)  |  |  |  |  |

## **DETAILED ACTION**

## Election/Restrictions

Restriction to one of the following inventions is required under 35 U.S.C. 121:

- I. Claims 1-7, drawn to a method of growing muscle tissue on a preexisting mechanical structure, classified in class 435, subclass 395.
- II. Claims 8-15, drawn to an apparatus for producing electrical signals, classified in class435, subclass 287.1.

The inventions are distinct, each from the other because of the following reasons:

Inventions I and II are related as process and apparatus for its practice. The inventions are distinct if it can be shown that either: (1) the process as claimed can be practiced by another and materially different apparatus or by hand, or (2) the apparatus as claimed can be used to practice another and materially different process. (MPEP § 806.05(e)). In this case the apparatus of invention II is capable of performing materially distinct methods that do not involve muscle tissue. For example, any type of tissue, such as collagen scaffolds, skin grafts, or even non-biological materials, such as polymers, can be placed on the anchor and the motion or contraction of the material can be measured by the motion sensor. Such measurement would be particularly useful when one desires to measure the degree to which a skin graft or collagen scaffold or synthetic polymer graft will contract.

Therefore, a search and examination of all inventions in one patent application would result in an undue burden. These inventions are distinct for the reasons given above and have acquired a separate status in the art because of their recognized divergent subject matter, different classifications, and a search for one group does not require a search for another group, restriction for examination purposes as indicated is proper.

Applicant is advised that the reply to this requirement to be complete must include (i) an election of a species or invention to be examined even though the requirement be traversed (37 CFR 1.143) and (ii) identification of the claims encompassing the elected invention.

The election of an invention or species may be made with or without traverse. To reserve a right to petition, the election must be made with traverse. If the reply does not distinctly and specifically point out supposed errors in the restriction requirement, the election shall be treated as an election without traverse.

Should applicant traverse on the ground that the inventions or species are not patentably distinct, applicant should submit evidence or identify such evidence now of record showing the inventions or species to be obvious variants or clearly admit on the record that this is the case. In either instance, if the examiner finds one of the inventions unpatentable over the prior art, the evidence or admission may be used in a rejection under 35 U.S.C.103(a) of the other invention.

Applicant is reminded that upon the cancellation of claims to a non-elected invention, the inventorship must be amended in compliance with 37 CFR 1.48(b) if one or more of the currently named inventors is no longer an inventor of at least one claim remaining in the application. Any amendment of inventorship must be accompanied by a request under 37 CFR 1.48(b) and by the fee required under 37 CFR 1.17(i).

FON B. LANDS ORD, JR. PRICHARY EXAMINER